

REMARKS

The specification has been amended to provide a cross-reference to the previously filed International Application. The claims have also been amended to delete multiple dependencies and to place the application into better form for examination. Entry of the present amendment and favorable action on the above-identified application are earnestly solicited.

Attached hereto is a marked-up copy of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment: Version With Markings Showing Changes Made

(Rev. 01/22/01)

VERSION WITH MARKINGS SHOWING CHANGES MADE

The specification has been amended to provide cross-referencing to the International Application.

The claims have been amended as follows:

7. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the member is positioned for rotation about an axis on the frame and the scanning means comprise means for rotating the member about the axis.

8. (Amended) An apparatus according to [any of the preceding claims]claim 1, further comprising scanning control means for controlling the scanning means for scanning the specimen along a predetermined curve.

10. (Amended) An apparatus according to claim 8[or 9], further comprising storage means for storage of signals provided by the detector and corresponding position signals provided by the scanning control means.

12. (Amended) An apparatus according to [any of the preceding claims]claim 1, further comprising signal processing means operatively connected to the detector to detect a presence of an object based on the detector signals.

15. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the specimen has an area larger than 500mm².

16. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the specimen has an area larger than 8000mm².

17. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the scanning means further comprise deflecting means for scanning the first light beam across the specimen along a radius of the circular movement of the member.

18. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the light source is positioned for rotation about an axis on the frame and the scanning means comprise means for rotating the light source about the axis.

19. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the scanning means further comprise deflecting means for scanning the first light beam across the specimen along a radius of the circular movement of the light source.

20. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the scanning means further comprise movable deflecting means for variable deflection of the first light beam.

23. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein a mask is inserted in the optical path between the specimen and the detector, and the mask comprised at least one transparent aperture.

25. (Amended) An apparatus according to claim 23[or 24], wherein at least one dimension of the aperture, as projected on the specimen, is between 0.75 and 2 times the dimensions of objects to be detected.

26. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein one of the two or more fluorescent markers is Fluorescein.

27. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the light source is a coherent light source.

28. (Amended) An apparatus according to [any of the preceding claims]claim 1, wherein the light beam is adapted to provide a light spot having a diameter between 20-150 μ m on the specimen.

35. (Amended) A method according to [any of claims 29-34]claim 29, further comprising the step of rotating the member holding the specimen about an axis.

36. (Amended) A method according to [any of claims 29-35]claim 29, further comprising the step of storing signals relating to the detected properly and corresponding data relating to the current position of the member.

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